

JC12 Rec'd PCT/PTC 15 APR 2005

FORM PTO-1390 (Modified)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 016782-0324 |
| INTERNATIONAL APPLICATION NO. PCT/EP2003/050691 | | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.15) 10/531414 Unassigned |
| INTERNATIONAL FILING DATE 10/06/2003 | | PRIORITY DATE CLAIMED 10/17/2002 |
| TITLE OF INVENTION LAYERED FILTER STRUCTURE COMPRISING SHORT METAL FIBERS | | |
| APPLICANT(S) FOR DO/EO/US Ronny LOSFELD, Johan VERSIECK | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> | | |
| Items 11 to 20 below concern other document(s) or information included: | | |
| <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO/SB/08 and International Search Report.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p> | | |

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|--|--------------|---|--------------------------|------------|--|--------------|---|---|--------------|--------------|----------------------|------------|------------|---|--------------------|---|---|-------------|---------|---|-------|-----------|---------------------------------------|----|--------------------------------------|--|--|--|------------|
| U.S. APPLICATION NO. (If known) (37 CFR. 1.5) | | INTERNATIONAL APPLICATION NO. | ATTORNEY'S DOCKET NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unassigned | | 19/531414 PCT/EP2003/050691 | 016782-0324 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee</td> <td>\$300</td> <td>\$ 300.00</td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100</td> <td>\$ 200.00</td> </tr> <tr> <td>All other situations</td> <td>\$200</td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$400</td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500</td> <td>\$ 500.00</td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE 21, 22 and 23 =</td> <td>\$ 1000.00</td> </tr> </table> | | | | | 21. <input checked="" type="checkbox"/> Basic national fee | \$300 | \$ 300.00 | 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) | \$100 | \$ 200.00 | All other situations | \$200 | | 23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | \$100 | | International Search Report prepared and provided to the Office | \$400 | | All other situations | \$500 | \$ 500.00 | TOTAL OF ABOVE 21, 22 and 23 = | | \$ 1000.00 | | | | |
| 21. <input checked="" type="checkbox"/> Basic national fee | \$300 | \$ 300.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) | \$100 | \$ 200.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All other situations | \$200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | \$100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| International Search Report prepared and provided to the Office | \$400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All other situations | \$500 | \$ 500.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE 21, 22 and 23 = | | \$ 1000.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.</p> <table border="1"> <tr> <td>Total Sheets</td> <td>Extra sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>12 - 100 = 0</td> <td>/50 =</td> <td>0</td> <td>x \$250.00</td> </tr> </table> | | | | | Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | 12 - 100 = 0 | /50 = | 0 | x \$250.00 | | | | | | | | | | | | | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 - 100 = 0 | /50 = | 0 | x \$250.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td>\$</td> </tr> <tr> <td>Total Claims</td> <td>15</td> <td>- 20 = 0</td> <td>x \$ 50.00</td> <td>\$ 0.00</td> </tr> <tr> <td>Independent Claims</td> <td>2</td> <td>- 3 = 0</td> <td>x \$ 200.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$ 360.00</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1000.00</td> </tr> </table> | | | | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | Total Claims | 15 | - 20 = 0 | x \$ 50.00 | \$ 0.00 | Independent Claims | 2 | - 3 = 0 | x \$ 200.00 | \$ 0.00 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$ 360.00 | \$ | TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1000.00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Claims | 15 | - 20 = 0 | x \$ 50.00 | \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Independent Claims | 2 | - 3 = 0 | x \$ 200.00 | \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$ 360.00 | \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1000.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>SUBTOTAL = \$ 1000.00</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i))</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TOTAL NATIONAL FEE = \$ 1000.00</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TOTAL FEES ENCLOSED = \$ 1040.00</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table> | | | | | Amount to be refunded: | | charged: | | | | | | | | | | | | | | | | | | | | | | |
| Amount to be refunded: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| charged: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$1,040.00 to cover the above fees is enclosed.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>d. <input type="checkbox"/> Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>SEND ALL CORRESPONDENCE TO:</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Foley & Lardner LLP Customer Number: 22428</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>SIGNATURE Glenn Law</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>NAME 34,371</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>REGISTRATION NUMBER</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |